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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Erez LEVANON, et al

Serial No.: 10/764,503

Filed: 27 January 2004

Group Art Unit: 1635

For: Methods and Systems for Identifying  
Naturally Occurring Antisense  
Transcripts and Methods, Kits and  
Arrays Utilizing Same

Attorney  
Docket: **26946**

Examiner:

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**RENEWED REQUEST FOR REQUEST FOR CORRECTED FILING  
RECEIPT**

Sir:

Attached is a copy of the official filing receipt received from the United States Patent and Trademark Office in the above application, the original Request for Corrected Filing Receipt and Response to Request for Corrected Filing Receipt.

Issuance of a corrected filing receipt to correct an error of the USPTO is respectfully requested.

A copy of the first page of the application setting forth the above is attached hereto.

Please conform the "Domestic Priority data as claimed by applicant to the priorities set forth in said first page of the application, as follows:

"This is a continuation-in-part of U.S. Pat. Application No. 10/441,281, filed 20 May, 2003, which claims priority from PCT Patent Application No. IL02/00904, filed

November 11, 2002, which claims priority from U.S. Patent Application No. 10/201,605, filed July 24, 2002, which is a continuation-in-part of U.S. Patent Application No. 09/993,398, filed November 26, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/907,923, filed July 18, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/785,439, filed February 20, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/732,938, filed December 11, 2000. This Application also claims the benefit of priority from U.S. Patent Application No. 09/718,407, filed November 24, 2000. ”

Kindly issue a corrected filing receipt.

Respectfully submitted,



Sol Sheinbein  
Registration No. 25,457

Date: March 6, 2005



1

## APPLICATION FOR PATENT

Inventors: 5 Erez Levanon, Jeanne Bernstein, Sarah Pollock, Alex Diber, Zurit Levine, Sergey Nemzer, Vladimir Grebinsky, Hanqing Xie, Brian Meloon, Andrew Olson, Dvir Dahary, Yossi Cohen, Avi Shoshan, Shira Walach, Alon Wasserman, Rami Khosravi and Galit Rotman

Title: 10 METHODS AND SYSTEMS FOR IDENTIFYING NATURALLY OCCURRING ANTISENSE TRANSCRIPTS AND METHODS, KITS AND ARRAYS UTILIZING SAME

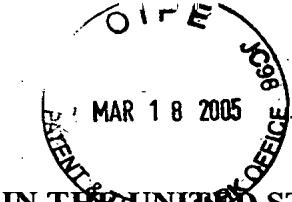
This is a continuation-in-part of U.S. Pat. Application No. 10/441,281, filed 20 May, 2003, which claims priority from PCT Patent Application No. IL02/00904, filed November 11, 2002, which claims priority from U.S. Patent Application No. 10/201,605, filed July 24, 2002, which is a continuation-in-part of U.S. Patent Application No. 09/993,398, filed November 26, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/907,923, filed July 18, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/785,439, filed February 20, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/732,938, filed December 11, 2000. This Application also claims the benefit of priority from U.S. Patent Application No. 09/718,407, filed November 24, 2000.

BACKGROUND AND FIELD OF THE INVENTION

The present invention relates to the field of naturally occurring, antisense transcripts. More particularly, the present invention relates to methods of identifying naturally occurring antisense transcripts, databases storing polynucleotide sequences encoding identified naturally occurring antisense transcripts, oligonucleotides derived therefrom and methods and kits utilizing same.

Naturally occurring antisense RNA transcripts are endogenous transcripts, which exhibit complementarity to sense transcripts of which are typically of a known function. It has been established that these endogenous antisense transcripts play an important role in regulating prokaryotic gene expression and are increasingly implicated as involved in eukaryotic gene regulation.

*Cis*-encoded antisense transcripts are encoded by the same locus as the sense transcripts and are transcribed from strand of DNA opposite to that encoding the sense transcript; as such, *cis* encoded antisense transcripts are typically completely complementary with a portion of the sense transcript. *Trans*-encoded antisense transcripts are by contrast, transcripts, which are encoded on a different locus and as such, may display only partial complementarity with a sense transcript.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: §  
Erez LEVANON, et al §  
Serial No.: 10/764,503 §  
Filed: 27 January 2004 § Group Art Unit: 1635  
For: Methods and Systems for Identifying §  
Naturally Occurring Antisense §  
Transcripts and Methods, Kits and §  
Arrays Utilizing Same §  
Examiner: §  
§ Attorney  
§ Docket: 26946

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

Attached is a copy of the official filing receipt received from the United States Patent and Trademark Office in the above application. Issuance of a corrected filing receipt to correct an error of the USPTO is respectfully requested.

Please add to "Domestic Priority data as claimed by applicant:

"This is a continuation-in-part of U.S. Pat. Application No. 10/441,281, filed 20 May, 2003, which claims priority from PCT Patent Application No. IL02/00904, filed November 11, 2002, which claims priority from U.S. Patent Application No. 10/201,605, filed July 24, 2002, which is a continuation-in-part of U.S. Patent Application No. 09/993,398, filed November 26, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/907,923, filed July 18, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/785,439, filed February 20, 2001, which is a continuation-in-part of U.S. Patent Application No. 09/732,938, filed

December 11, 2000. This Application also claims the benefit of priority from U.S. Patent Application No. 09/718,407, filed November 24, 2000."

A copy of the first page of the application setting forth the above is attached hereto.

Kindly issue a corrected filing receipt.

Respectfully submitted,

Sol Sheinbein  
Registration No. 25,457

Date: October 21, 2004





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MAR 18 2005  
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UNITED STATES DEPARTMENT OF COMMERCE  
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Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

| APPL NO.   | FILING OR 371<br>(c) DATE | ART UNIT | FIL FEE REC'D | ATTY.DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|----------------|----------|----------|----------|
| 10/764,503 | 01/27/2004                | 1635     | 0.00          | 26946          | 48       | 131      | 21       |

CQNFIRMATION NO. 9267

FILING RECEIPT



\*OC000000012660628\*

Date Mailed: 05/14/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Erez Levanon, Petach Tikva, ISRAEL;  
Jeanne Bernstein, Kfar Yona, ISRAEL;  
Sarah Pollock, Tel Aviv, ISRAEL;  
Alex Diber, Herzlia, ISRAEL;  
Zurit Levine, Herzlia, ISRAEL;  
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Avi Shoshan, Kiryat Gat, ISRAEL;  
Shira Walach, Hod Hasharon, ISRAEL;  
Alon Wasserman, New York, NY;  
Rami Khosravi, Herzlia, ISRAEL;  
Galit Rotman, Herzlia, ISRAEL;

Domestic Priority data as claimed by applicant

This application is a CIP of 10/441,281 05/20/2003

Foreign Applications

If Required, Foreign Filing License Granted: 03/26/2004

**Projected Publication Date:** To Be Determined - pending completion of Missing Parts

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

Methods and systems for identifying naturally occurring antisense transcripts and methods, kits and arrays utilizing same

**Preliminary Class**

514

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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Page 1 of 2

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| APPLICATION NUMBER | FILING OR 371(c) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
| 10/764,503         | 01/27/2004            | Erez Levanon          | 26946                  |

G.E. EHRLICH (1995) LTD.  
c/o ANTHONY CASTORINA  
2001 JEFFERSON DAVIS HIGHWAY, SUITE 207  
ARLINGTON, VA 22202

CONFIRMATION NO. 9267



\*OC000000014269601\*

Date Mailed: 11/03/2004

**RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT**

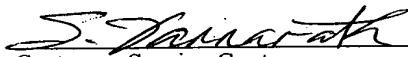
**Domestic Continuity and Foreign Priority**

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.
- Continuity claimed under 35 U.S.C. § 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an Application Data Sheet or amendment to the first page of the specification. *PCT/IL02/00904, 10/20/2005*
- A claim for priority cannot be made based on an application filed after the application making the claim.
- Domestic benefit and foreign priority claims will not be captured in a provisional application. A provisional application is not entitled to a right of priority or to the benefit of an earlier filing date of any other application. See 35 U.S.C. § 111(b)(7) and 37 CFR 1.53(c)(4).
- A domestic continuity claim cannot be made to a foreign application and the filing receipt will only list the foreign country, application number, and filing date.
- Foreign priority will appear on the Filing Receipt in the following order: **Country, Application number, Filing date.**
- This application is the result of a conversion from a provisional application. Priority based on such application cannot be made since it no longer exists as a provisional application.
- The application(s) to which priority is claimed were filed over a year prior to the filing date of this

application. Therefore, the referenced application(s) cannot be claimed as domestic or foreign priority.

- To change the benefit claim of a U.S. prior-filed application, applicant must amend the first sentence of the specification (if the benefit claim is referenced in the specification), or provide a supplemental application data sheet (ADS) (if the benefit claim was submitted in an ADS), with the desired benefit claim. Note that once a benefit claim is deleted, applicant will not be able to claim such prior-filed application again, if the above-identified application was filed on or after November 29, 2000.
- To change a foreign priority claim, applicant must submit a supplemental oath or declaration (if the priority claim is referenced in the oath or declaration), or a supplemental application data sheet (ADS) (if the priority claim was submitted in an ADS), with the desired priority claim. If a supplemental ADS is submitted, any deletions should be shown with strikeouts. Note that once a priority claim is deleted, applicant will not be able to claim such foreign application again, if the above-identified application was filed on or after November 29, 2000.

  
\_\_\_\_\_  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

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